- 40 CFR Part 51-Subpart S Inspection/Maintenance Program Requirements 51.366 Data Analysis and Reporting Requirements
 - (b) Quality Assurance Report
- (1) The number of inspection stations and lanes:
 - (i) Operating throughout the year

During 2014 there were five stations with eighteen lanes operating in Lake County, and two stations with six lanes operating in Porter County.

- 40 CFR Part 51-Subpart S Inspection/Maintenance Program Requirements 51.366 Data Analysis and Reporting Requirements
 - (b) Quality Assurance Report
- (2) The number of inspection stations and lanes operating throughout the year:
 - (i) Receiving overt performance audits in the year 2014;

All test sites received regular overt performance audits during 2014

See the attached report:

Performance Evaluations Conducted during 2014

- (ii) Not receiving overt performance audits in the year 2014

 None.
- (III) Receiving covert performance audits in the year 2014

 Five stations received covert audits, see the attached report:

 Covert Performance Audits, 2014
- (iv) Not receiving covert performance audits in the year 2014

 The Gary and Portage test stations did not receive a covert audit in 2014.
- (v) That have been shut down as a result of overt performance auditsNo stations were shut down as a result of overt performance audits.

Performance Evaluations Conducted 2014

Inspector Performance Evaluations conducted by Station Management during 2014

	January	February	March	April	May	June	July	August	September	October	November-1	December
Hammond	0	8	15	10	10	10	10	8	13	13	3	11
Griffith	6	22	26	25	30	15	17	23	22	18	8	0
Hobart	4	7	16	7	15	8	2	2	12	12	16	13
Crown Point	5	6	3	10	3	9	2	15	9	2	3	8
Valpo	17	16	16	16	16	16	16	16	16	20	17	18
Gary	16	17	16	16	20	16	19	16	16	19	16	16
Portage	0	6	10	12	20	17	16	16	16	16	16	10

Inspector Evaluations Completed by Quality Assurance Manager/Program Manager During the month of January 2014

Station	Number	Results
Hammond	2	PP
Griffith	. 2	PP
· Crown Point	2	PP
Hobart	. 2	PP
Valparaiso	N/A	N/A
Gary	2	PP
Portage	N/A	N/A

Station Evaluations Completed by QualityAssurance Manager/Program Manager: During the month of January 2014

Score
89.0
97.3
. 87.3
86.8
66.4
98.0
93.4
95.0
N/A
95.5
93.4
88.2
N/A
N/A

Inspector Evaluations Completed by Quality Assurance Manager/Program Manager During the month of February 2014

Station Station	Number	Results
Hammond	2	PP
Griffith	2	PP
Crown Point	2	PP
Hobart	N/A	N/A
Valparaiso	N/A	N/A
Gary	2	PP
Portage	2	PP

Station Evaluations Completed by Quality Assurance Manager/Program Manager: During the month of February 2014

Station	Score
 Hammond (HQ)	78.9
 Hammond (Self)	96.3
 Griffith	87.3
 Griffith	89.1
 Crown Point .	91.2
Crown Point	88.9
Hobart	N/A
Hobart	95.0
 Valparaiso	N/A
Valparaiso	94.7
 Gary	93.9
Gary	88.0
Portage	91.2
 Portage	93.4

Inspector Evaluations Completed by Quality Assurance Manager/Program Manager During the month of March 2014

Station	Number	Results
Hammond	2	FF
Griffith	2	PP
Crown Point	2	PP
Hobart	2	PP
Valparaiso	N/A	N/A
Gary	2	PP
Portage	2	PP

Station Evaluations Completed by Quality Assurance Manager/Program Manager: During the month of March 2014

Station	Score
Hammond (HQ)	78.6
Hammond (Self)	95.7
Griffith	90.5
Griffith	N/A
Crown Point	91.2
Crown Point	88.9
Hobart	92.6
Hobart	95.0
Valparaiso	N/A
Valparaiso	94.8
Gary	95.5
Gary	90.5
Portage	94.8
Portage	. 89.4

Inspector Evaluations Completed by Quality Assurance Manager/Program Manager During the month of April 2014

Station	Number	Results
Hammond	2	PP
Griffith	N/A	N/A
Crown Point	2	PP
Hobart	N/A	N/A
Valparaiso	N/A	N/A
Gary	N/A	N/A
Portage	2	PP

Station Evaluations Completed by Quality Assurance Manager/Program Manager: During the month of April 2014

	barning the month of April 2014	
	Station	Score
	Hammond (HQ)	90.2
	Hammond (Self)	86.3
	Griffith	90.9
	Griffith	87.0
	Crown Point	89.7
	Crown Point	88.9
	Hobart	N/A
	Hobart	92.6
	Valparaiso	N/A
	Valparaiso	91.6
	Gary	94.8
	Gary	90.0
	Portage	90.3
	Portage	90.6

Inspector Evaluations Completed by Quality Assurance Manager/Program Manager During the month of May 2014

Station	Number	Results
Hammond	N/A	N/A
Griffith	. 2	PP
Crown Point	2	PP
Hobart	2	PP
Valparaiso	N/A	N/A
Gary	2	PF
Portage	2	PP

Station Evaluations Completed by Quality Assurance Manager/Program Manager: During the month of May 2014

Score
N/A
N/A
90.9
85.7
92.6
96.2
92.6
99.3
. N/A
95.4
93.8
99.4
95.5
94.8

Inspector Evaluations Completed by Quality Assurance Manager/Program Manager During the month of June 2014

Station	Number	Results
Hammond	N/A	N/A
 Griffith	2	PP
Crown Point	. 2	PP
Hobart	N/A	N/A
Valparaiso	. N/A	N/A
Gary	2	PP
Portage	2	PP.

Station Evaluations Completed by Quality Assurance Manager/Program Manager: During the month of June 2014

2 41.779 4.10 111011111 01 34110 2 1	- 1 -
Station	Score
Hammond (HQ)	N/A
Hammond (Self)	89.5
Griffith	90.5
Griffith	93.3
Crown Point	94.1
Crown Point	96.2
Hobart	N/A
Hobart	N/A
Valparaiso	N/A
Valparaiso	94.8
Gary	94.8
Gary	. 100.0
Portage	93.3
Portage	94.2

Inspector Evaluations Completed by Quality Assurance Manager/Program Manager During the month of July 2014

Station	Number	Results
Hammond	N/A	N/A
Griffith	2	PP
Crown Point	N/A	N/A
Hobart	N/A	N/A
Valparaiso	N/A	N/A
Gary	2	PP
Portage	N/A	N/A

Station Evaluations Completed by Quality Assurance Manager/Program Manager: During the month of July 2014

Station	Score
Hammond (HQ)	N/A
Hammond (Self)	89.6
Griffith	91.4
Griffith	91.9
Crown Point	91.2
. Crown Point	96.2
Hobart	N/A
Hobart	96.4
Valparaiso	N/A
Valparaiso	93.2
Gary	94.8
Gary	N/A
Portage	N/A
Portage	92.9

Inspector Evaluations Completed by Quality Assurance Manager/Program Manager During the month of August 2014

<u>Station</u>	Number	Results
Hammond	2	PP
Griffith	2	PP
Crown Point	N/A	N/A
Hobart	. 2	PP
Valparaiso	N/A	N/A
Gary	2	FP
Portage	2	PP

Station Evaluations Completed by Quality Assurance Manager/Program Manager: During the month of August 2014

Station	Score
Hammond (HQ)	83.6
Hammond (Self)	87.2
Griffith	93.3
Griffith	. 86.2
Crown Point	N/A
Crown Point	96.2
Hobart	92.6
Hobart	N/A
Valparaiso	N/A
Valparaiso	93.2
Gary	92.6
Gary	98.0
Portage	94.6
Portage	. 94,3

Inspector Evaluations Completed by Quality Assurance Manager/Program Manager During the month of September 2014

Station	Number	Results
Hammond	N/A	N/A
Griffith	2	PP
Crown Point	N/A	N/A
Hobart	N/A	N/A
Valparaiso	N/A	N/A
Gary	N/N	N/A
Portage	N/A	N/A

Station Evaluations Completed by Quality Assurance Manager/Program Manager: During the month of September 2014

Station	Score
Hammond (HQ)	N/A
Hammond (Self)	98.4
Griffith	93.4
Griffith	86.9
Crown Point	N/A
Crown Point	96.2
Hobart	N/A
Hobart	95.4
Valparaiso	N/A
Valparaiso	98.5
Gary	N/A
Gary	N/A
Portage	N/A
Portage	91.7

Inspector Evaluations Completed by Quality Assurance Manager/Program Manager During the month of October 2014

Station	Number	Results
Hammond	2	PP
Griffith	2	PP
Crown Point	2	PP
Hobart	N/A	N/A
Valparaiso	N/A	N/A
Gary	2	PP
Portage	2	PP

Station Evaluations Completed by Quality Assurance Manager/Program Manager: During the month of October 2014

Station	Score
Hammond (HQ)	91.9
Hammond (Self)	97.0
Griffith	92.6
Griffith	84.7
Crown Point	93.5
Crown Point	96.2
Hobart	N/A
Hobart	91.5
Valparaiso	N/A
Valparaiso	95.1
Gary	97.8
Gary .	N/A
Portage	93.3
Portage	90.7

Inspector Evaluations Completed by Quality Assurance Manager/Program Manager During the month of November 2014

Station	Number	Results
Hammond	2	PP
Griffith	2	PP
Crown Point	N/A	N/A
Hobart	2	PP
Valparaiso	N/A	N/A
Gary	2	PP
Portage	2	PP

Station Evaluations Completed by Quality Assurance Manager/Program Manager: During the month of November 2014

Station	Score
Hammond (HQ)	90.1
Hammond (Self)	91.6
Griffith	93.4
Griffith	90.3
Crown Point	N/A
Crown Point	98.7
Hobart	96.3
Hobart	93.8
Valparaiso	N/A
Valparaiso	94.6
Gary	94.2
Gary	98.0
Portage	91.2
Portage	88.6

Inspector Evaluations Completed by Quality Assurance Manager/Program Manager During the month of December 2014

	Station	Number	Results
	Hammond	2	FF
	Griffith	2	PF
	Crown Point	2	PP
	Hobart	2	PP
1724	Valparaiso	N/A	N/A
	Gary	2	PP
	Portage	2	PP

Station Evaluations Completed by Quality Assurance Manager/Program Manager: During the month of December 2014

Station	Score
Hammond (HQ)	83.9
Hammond (Self)	96.3
Griffith	91.1
Griffith	N/A
Crown Point	93.4
Crown Point	99.8
Hobart	93.9
Hobart	90.3
Valparaiso	N/A
Valparaiso	94.5
Gary	95,9
Gary	97.4
Portage	92.7
Portage	90.0

Covert Performance Audits 2014

Covert Performance Audits

2014

Date	Time	Station	Cert#
2/6/2014	13:12	Griffith	4481539
4/8/2015	13:06	Griffith	4489981
4/23/2014	16:09	Griffith	4494643
5/10/2014	11:24	Crown Point	4546042
5/9/2014	12:24	Griffith	4499317
5/13/2015	14:19	Griffith	4500755
5/15/2014	12:06	Crown Point	4546356
6/4/2014	10:48	Griffith	4503151
9/25/2014	10:03	Crown Point	4696822
10/18/2014	9:37	Valparaiso	4753384
11/15/2014	15:58	Hobart	4740903
12/6/2014	12:00	Hammond	4822433

- 40 CFR Part 51-Subpart S Inspection/Maintenance Program Requirements 51.366 Data Analysis and Reporting Requirements
 - (b) Quality Assurance Report
- (3) The number of covert audits:
 - (i) Conducted with the vehicle set to fail per test type;

During 2014 one vehicle was set to fail the OBDII inspection.

(ii) Conducted with the vehicle set to fail any combination of two or more test types;

During 2014 no vehicles were set to fail any combination of two or more test types.

(III) Resulting in a false pass per test type;

During 2014 no covert audits were conducted to result in a false pass.

(iv) Resulting in a false pass for any combination of two or more test types;

During 2014 no covert audits were conducted to result in a false pass for any combination of two or more test types.

- 40 CFR Part 51-Subpart S Inspection/Maintenance Program Requirements 51.366 Data Analysis and Reporting Requirements
 - (b) Quality Assurance Report
- (4) The number of inspectors and stations:
 - (i) That were suspended, fired, or otherwise prohibited from testing as a result of covert audits;

During 2014 no inspectors were suspended, fired or otherwise prohibited from testing as a result of covert audits.

(ii) That were suspended, fired, or otherwise prohibited from testing for other causes;

During 2014 five inspectors were suspended or fired for other reasons.

(III) That received fines;

During 2014 no inspectors received fines.

(5) The number of inspectors licensed or certified to conduct testing:

In 2013, thirty-seven (37) inspectors were certified to conduct testing.

- 40 CFR Part 51-Subpart S Inspection/Maintenance Program Requirements 51.366 Data Analysis and Reporting Requirements
 - (b) Quality Assurance Report
- (6) The number of hearings:
 - (i) Held to consider adverse actions against inspectors and stations;

During 2014 no hearings were held to consider adverse actions against inspectors or stations.

(ii) Resulting in adverse actions against inspectors and stations;

During 2014 no hearings were held that resulted in adverse actions against inspectors or stations

(7) The total amount collected in fines from inspectors and stations by type of violation:

In 2014, no fines were collected from inspectors or stations.

(8) The total number of covert vehicles available for undercover audits over the year:

In 2014 there were 12 vehicles available for covert audits.

(9) The number of covert auditors available for undercover audits:

In 2014 there were 12 covert auditors available for undercover audits.

40 CFR Part 51-Subpart S Inspection/Maintenance Program Requirements 51.366 – Data Analysis and Reporting Requirements

(c) Quality Control Report

(1) The number of emission testing sites and lanes in use in the program:

During the period of January 1, 2014 and December 31, 2014 there were seven test sites and twenty-four operational testing lanes.

40 CFR Part 51-Subpart S Inspection/Maintenance Program Requirements 51.366 – Data Analysis and Reporting Requirements

(c) Quality Control Report

(2) The number of equipment audits by station and lane:

From 1998 to 2003 none of the exhaust gas sampling systems at any of the test sites failed a semi-annual gas challenge audit. In 2004 the Indiana Department of Environmental Management (IDEM) began performing periodic reviews of monthly calibration and maintenance data for all of the exhaust gas analyzers and dynamometers in the testing lanes in lieu of gas challenge audits.

Operations at the test sites are also monitored remotely by a system of web cams installed at each testing facility. The cameras provide views of the all the testing lanes from the front, looking toward the back and from the back, looking toward the front. Cams are also located in the manager's office, the license renewal booth, the safe and VIR locked storage room, and on the front of each site looking out at the vehicle queue area. IDEM I/M personal view all of the test sites on a daily basis. Each morning mini-calibrations are conducted on each lane and zero/spans are run at least every two hours while the test sites are open. IDEM I/M program personal check the mini-cals and zero/spans daily from their Indianapolis location.

See the attached check sheets: 2014 Indiana I/M program quarterly test equipment calibration data audits.

2014 INDIANA I/M PROGRAM QUARTERLY TEST EQUIPMENT CALIBRATION DATA AUDITS

Calibration Records Audit (_	Quarter, 20 /		Date: 6/6/14
Vehicle Emission Test Site:	lammand, 5	Mark I	PAD
Constant Volume Sampling S (equipment checks and ten po		Dynamome	eter Calibration
Date calibration performed -	result	Date calibration	performed – result
Lane: # 1	BAR-AD CALL 1-27-14 JWA 2-17-14 JWA 3-17-14 JU	., 412 OK 131 OK 2012 OK 3021	
Lane: #2	3ARAO CA 12714 SKC. 3-17-11 SKC. 3-17-11 SKC.	21 OK 1-15 DK 3-14	UDDWWW OK 14 DAW OK 14 Charle OK 14 DAW OK
Lane: #3	BARAOLIA 1-03411 SHA 2-17-14 SC 3-17-14 SC	7., 2,1 PK 1-21 PK 2-20 SPK 3-10	DDVID Colling OK 194 CKARL OK 194 CKARL OK 194 CKARL OK
	·	,	
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Calibration Records Audit	(2 MQuarter, 20 //)	Date: 7-25-14
Vehicle Emission Test Site:	Hammond, Statio	n#1 GAD
Constant Volume Sampling (equipment checks and ten		Dynamometer Calibration
Date calibration performed	- result Date	calibration performed – result
Lane: # C VS Calo. 4-24-14	BAR 90 Cals. 4-30-14 JC OK 5-10-14 JC OK 6-2-14 JK PK	11000 James Cals. 4-28-14 Chard DK 5-19-14 Charl DK 6-23-14 Charl DK
Lane: #2, OVS Dals. 4-24-14 JC OK 5-12-14 JKC OK 6-2-14 JKC OK	BAR AD CAIS, 4-20-14 JC DK 5-12-14 JC DK 6-2-14 JKC D	2 W D Dyno Cals, 4-24-14 Ohed OK 5-50-14 Chad OK K 40-26-14 Chad OK
Lane: #3 Calor a tan	rolan DEDIL Source)	
CV5 CAG. 4-24-14 JC OK 5-12-14 JC OK 6-2-14 JKC OK	BARAD CAB. 4-30-14 JC OK 5-12-14 JC OK 6-2-14 JKA OK	2 WD Duno Cake 4-24-14 Chad OK 5-29-14 Chad OK 6-26-14 Chad OK
Lane: #	•	

Campiation acocor an invant		ه کو	
Vehicle Emission Test Site:	fammoud, Sta	ation #1	PAD
Constant Volume Sampling S (equipment checks and ten po		Dynamometer	Calibration
Date calibration performed -	result	Date calibration per	formed – result
Lane: #\		•	
CKS TOB.	JAR-40 Calo	L HWDJ	DYNO Cals,
7-21-14 JC OK 9	1-21-14 JC OK	. 7-28-1	Y Chad OK
B-4-14 TKC DK 8	3-4-14 JKC OF	B-25-11	1 Chard OK.
4-15-14 JKC OK	9-15-14 JKC OK	(4-24-)	4 Charles
		•	4AL
Lane: # Zala	BAR AD Cal	3. 2.W.D	Duno Cals
7-21-14 JC OK	7-21-14 JUD	16 7-23-	14 Chad OK
B-4-14 THO OK	B-4-14 TKC	OK QUZO	-14 Chad OK
9-19-14 FRC OK	4-15-14 JKC 1	OK 9-24-	14 Chad OK
Lane: # ₅ 3			BAN
CVSTAIS	BAR-90 Ca	ils. ZWI	Dano Cala
7-31-14 JC OK	7-21-14 JC	DK 7-24	1 101
B-4-14 JKC PK	18-4-14 JKC	DK 90-28	-14 Chard OK
19-15-14 JKC PK	9-15-14 JKC	OK 9-25	-14 Chad OK
	, , , , , , , , , , , , , , , , , , , ,	, , , , , , , , , , , , , , , , , , , ,	
Lane: #			,
#1 Annual SAD-CFT	1/a/ 7-21-14	JC OK	•
#2 ADMUNI SAP-CEV	Oak 7-21-14.	TO OK	
#3 Annual SAD-C	FV /2 7-21-14	IC. DK	
	7 1,46	-	·

Calibration Records Audit 3rd Quarter, 20 14)

Calibration Records Audit (•		Date: -22- 5
Vehicle Emission Test Site:	Hammond, S	tation #1	UAL
Constant Volume Sampling S (equipment checks and ten p		Dynamome	ter Calibration
Date calibration performed -	result	Date calibration	performed – result
Lane: # CV5 Cals	BAR 90 Cals		Dyno Calo.
10-20-14 JKC OK	10-20-14 JKC	OK. 10-27-	2014 Chall CK
12-18-14 JKC OK	12-9-14 JKC	OK 12-20	R-14 Chask OK
Lane: #2 015 Cala	BAR 90 Cale	2. W.	DynoCals,
12-B-H JKC DK	11-4-14 JKC 12-8-14 JKC	OK 12-22	14 Chad OK -14 Chad OK
Lane: #3	BAR AD Dale	2.W.	D. Dung Cals
11-20-14 JKL OK 11-4-14 JKL OK	10-24-14 JKC 11-4-14 JKC 12-8-14 JKC	OK 1030 OK 11-24	-14 Charl OK
Lane: #.	JANIA JIK		x-14 Cma 01
glasso. Tr.			
7	,	<u> </u>	
	<u> </u>		

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Calibration Records Audit (St Quarter, 20 LL	I	Date: 3-218-14
Vehicle Emission Test Site:	Orillith -Static	n#2	OAK
Constant Volume Sampling (equipment checks and ten p	System	•	er Calibration
Date calibration performed	– result	ate calibration n	erformed – result
Lane: #			
CVC, Cals,	BAR-40 Cals,	HW'	D Dyno Cals
1-28-14 D OK	1-24-14 ID DA	2 1-27-1	h Ohad OK
2~10-14 JC OK	2-10-14 JC (C)	K 2-17-1	1 Charl OK
3-3-14 JC OK	3-3-14 36 6	K 3-247	4 DAR CK
Lane: #2 CVB Calo, 1-28-14 JC OK 3-3-14 JC OK 3-3-14 JC OK	EAR-90/2/19 1-24-14 JC C 2-10-14 JC C 3-3-14 JC C	, 2 h k 1-23- K 2-7- DK 3-13.	20 Dyno Calo 14 Chad OK 14 Chad OK
Lane: #3	· · · · · · · · · · · · · · · · · · ·		
DBD.	II tandem lane	ar .	
	·		
-			
Lane: #4 CVG CA 6, 1-20-14 JC OK 2-10-14" JC OK	73AR-90 Ca 1-24-14 JC 2-30-14 JC	DK 1-23-1 OK 2-13-1	- h
3-71-14 JC OK	32H I	<u>OK. 3-13-</u>	iy Chad OK

Calibration Records Audi	it (2m/Quarter, 20 14)	Date: 7-25-14
Vehicle Emission Test Site	e: Griffith, Station	#2 (列)
Constant Volume Samplin (equipment checks and te		Dynamometer Calibration
Date calibration perform	ed – result Da	te calibration performed – result
Lane: #1 CVG Dala 4-14-14 JC OK	BARQOCALS.	4WD Dyno Calo
5-6-14 JD PK	5-6-14 JD DK	5-6-14 Chad OK
4-9-14 JC EX	6-9-19 JC OK	- 4-16-14 Chad OS
Lane: #2 OVO Ca.(4)	BARAD Cals	2 Wy Dyno Calo.
4-14-14 JC OK	4-14-14 IC DE	4-11-14 Chad (OK 5-23-14 Chad OK
6-9-14 JC OK	6-9-14. JC OK	6-30-14 Chad OK
Lane: #3		
	OBDIL only - tand	em lane
!	,	
Lane: #4 AUS (Alg.	BAR 90 Cals.	2WD Dung Cala
4-14-14 JC OK	4-14-14 JC DK.	4-10-14 Chad OK
5-6-14 JC OK	5-6-14 JC OK	5-22-14 Chad OK
· 4 1 / 1	7 11	to the same of the

	n d
Calibration Records Audit (37)(Quarter, 20 💾)	Date: 4-26-14
Vehicle Emission Test Site: Oriffith, Statio	n#2 PAN
Constant Volume Sampling System (equipment checks and ten point calibrations)	Dynamometer Calibration
Date calibration performed – result	Date calibration performed – result
Lane: # 1 OVB Cals BAR-90 Cals	HWD Dyno Cals,
9-11-14 JC OK B-11-14 JC OK 9-18-14 JC OK 9-8-14 JC OK	7214 Unad OK. 8-25-14 Charl OK. 9-72-14 Charl OK.
Lane: #2 CNS Cals, BAR-90 Cals, 7-14-14 JK OK 7-28-14 JC OF 9-25-14 JC OK 8-25-14 JC OF 9-B-14 JC OK 9-B-14 JC OF	2 WDD Dynalals, K 7-17-14 Chad OK K 9-20-14 Chad OK K 9-10-14 Chaol OK
Lane: #3	
DEDIT ONly lane	
Lane: # 4 CNS CAK. BAR-90 CAG. 7-14-14 JKC OK 7-28-14 JC OK 8-25-14 JC OK 9-8-14 JC OK 9-8-14 JC OK	7
Lane#1 Annual SAO-CFV Cal Lane#2 Annual SAO-CFV Cal Lane#4 Annual SAO-CFY Cal	JC 4-22-14 PK

Calibration Records Audit (•	Date: 1-23-15	
Vehicle Emission Test Site:	Griffith, station t	#2 9AV	
Constant Volume Sampling (equipment checks and ten p		Dynamometer Calibration	
Date calibration performed	result _. Dat	te calibration performed – result	
Lane: #L	BARAD Cals	4400 Dun Cala	
10-6-14 JC DK	126-14 JC OK	10-27-14 Chad OK	_
11-4-14 JC OK	11-4-14 JC OK	11-17-14 Charl OK 12-15-14 Charl Ok	
Lane: #2	BAR AD CALS	2 MD Dyno Ogla	
M-6-H JC OK	10-14 JC OK	10-24-14 Chad OK	
11-9-14 JC OK	12-22-14 JC OK	12-17-14 Chad OK	_
Lane: #3			
OBDIL	only lane		_
Ŀ	,		
Lane: # 4	BAR AD CALS	2 MD Duna Cala	. ,
10-6-14 IC OK	10-6-14 JC OK	10-24-14 Anal P.5	+
11-4-14 JU OK	11-4-14 JC OK 12-23-14 JC OK	11-14-14 Chad OK	

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Constant Volume Sampling System (equipment checks and ten point calibrations) Date calibration performed — result Lane: # ONO Colo. BAR AD Colo. HWD Dyna Colo. 1-27-14 CAM OK 1-27-14 CAM OK 2-3-14 Charle OK 2-17-14 CAM OK 3-17-14 CAM OK 3-17-14 Charle OK Lane: # 2 OBD Only Que Lane: # 2 OBD Only Que Lane: # 3 ONS ONLy PAR OR 1-20-14 CAM OK 1-20-14 Charle OK 2-17-14 CAM OK 1-20-14 CAM OK 1-20-14 Charle OK 2-17-14 CAM OK 1-20-14 CAM OK 1-20-14 Charle OK 2-17-14 CAM OK 2-17-14 CAM OK 2-13-14 Charle OK 3-20-14 CAM OK 3-17-14 CAM OK 2-13-14 Charle OK 3-20-14 CAM OK 3-17-14 CAM OK 2-13-14 Charle OK 3-20-14 CAM OK 3-5-14 Charle OK 3-20-14 CAM OK 3-5-14 Charle OK 3-3-20-14 CAM OK 3-5-14 Charle OK 3-3-20-14 CAM OK 3-5-14 Charle OK 3-3-20-14 CAM OK 3-5-14 Charle OK 3-5-14 Charle OK	Calibration Records Audit (Let Quarter, 20 14)	Date: 3-28-14
Cequipment checks and ten point calibrations) Date calibration performed—result Lane: # OND Cala. BARAD CALL YUND DYND CALS. YAT-IN CAM OK. 2-17-IN CAM OK. 2-17-IN CAM OK. 2-17-IN CAM OK. 2-3-IN OBJA OK. 3-24-IN OAM OK. 2-3-IN OBJA OK. Lane: # 2 OBD ONLY VAME Lane: # 2 OBD ONLY VAME Lane: # 3 ONS Daly PAR-90 Cals. 1-26-IN CAM OK. 2-17-IN CAM OK. 1-26-IN CAM OK. 2-17-IN CAM OK. 2-17-IN CAM OK. 2-17-IN CAM OK. 3-20-IN CAM OK. 3-5-IN CAMO OK. 3-30-IN CAMO OK. 3-5-IN CAMO OK.	Vehicle Emission Test Site: Howald - Station #3	PAL
Lane: #1 (NO Pala. BAR-AD Pala 4WD Drup Cals. 1-27-14 CAM DK 1-27-14 CAM DK 1-14 Drug DK 2-17-14 CAM DK 2-17-14 LAM DK 2-3-14 Object DK 3-24-14 CAM DK 3-24-14 DAM DK 3-10-14 Charl DK Lane: #2 (NS Pala BAR-AD Cala 2WD Drup Call. 1-28-14 CAM DK 1-20-14 CAM DK 1-21-14 Charl DK 2-17-14 CAM DK 2-13-14 Charl DK 3-20-14 CAM DK 2-13-14 Charl DK 3-20-14 CAM DK 3-5-14 Charl DK	Constant Volume Sampling System (equipment checks and ten point calibrations)	Dynamometer Calibration
2-17-14 CAM OK. 2-17-14 BAM OK. 2-3-14 Obak OK. 3-24-14 OAM OK. 3-24-14 DAM OK. 3-10-14 Chard OK. Lane: #2 CNS Oals BAK-90 Cals. 2WD Dym Cals. 1-26-14 CAM OK. 1-20-14 CAM OK. 1-10-14 Chard OK. 2-17-14 CAM OK. 2-13-14 CAM OK. 2-13-14 Charl OK. 3-20-14 OAM OK. 3-20-14 CAM OK. 3-5-14 Charl OK.	Lane: #\	calibration performed—result
Lane: #3 CNS Dala FAR- 90 Cala, 1-28-14 DAM OK, 1-20-14 CAM OK, 2-17-14 CAM OK, 3-20-14 CAM OK, 3-30-14 CAM OK, 3-5-14 CAM OK, 3-5-14 CAM OK, 3-5-14 CAM OK,	2-17-14 CAM OR 2-17-14 CAM OK	1-16-14 Bhast OK 2-3-14 Object OK 3-10-14 Chast OK
Lane: #3 ONS-Oals FAR: 90 Cals, 2WD Dyng Cals, 1-28-14 CAM OK 1-10-14 Charl OK 2-17-14 CAM OK 2-13-14 Charl OK 3-20-14 OAM OK 3-20-14 CAM OK 3-5-14 Charl OK	Lane: #2	
015 Oals BAR-40 Cals, 24D Dym Cals, 1-28-14 CAM CK 1-10-14 Charl CK 2-17-14 CAM OK 2-17-14 CAM OK 2-13-14 Charl OK 3-30-14 DAM OK 3-3D-14 CAM, OK 3-5-14 Charl OK	OBD Only lane	
Lane: #	1-26-14 CAM OK 1-26-14 CAM OK 2-17-14 CAM OK 2-17-14 CAM OK	24D D Wy Call, 1-10-14 Charl OK 2-13-14 Charl OK 3-5-14 Charl OK
	Lane: #	
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Calibration Records Audit (Vehicle Emission Test Site:	•		Date: 7-24-14
Constant Volume Sampling (equipment checks and ten p	System		Dynamometer Calibration
Date calibration performed Lane: # CNS CALS. 4-21-14 CAM OR 5-19-14 CAM OR 6-30-14 CAM OR	- result BAR 90 4-21-14 5-14-14 6-30-14	Date Cals. CAM OK CAM OK CAM OK LAM OK	e calibration performed – result 4 WD Dyno Cals, 4-7-14 Chad Ok 5-5-14 Chad Ok 6-2-14 Chad Ok
Lane: # <u>?</u>		ostiphly la	M2
Lane: #3 CNO CAG 4-25-14 DAM OK 5-9-14 CAM OK 6-30-14 DAM OK	BARA 4-25-1 5-19- 6-36	O Colls; 14 CAM, OF 14 CAM, 12 124 GAM: 0	2WDDUNDCala < *4-23-14 Onad DK K ***5-7-19 Ohad OK K *** 18-14 Ohad O
Lane: #		· · · · · · · · · · · · · · · · · · ·	
米 Water in Dyno" ※米 belt tensioner 歩米米 Gethus Nox Cas	pleaned.	thubed.	ned out-about 15 galle

Calibration Records Audit (W Quarter, 20 11)	Date: 9-25-14
Vehicle Emission Test Site: Holast, Station	,#3 PAL
Constant Volume Sampling System (equipment checks and ten point calibrations)	Dynamometer Calibration
Date calibration performed – result	Date calibration performed – result
Lane: #1 OKS DAK, BAR-90 CAKS, 7-21-14 CAM DK 7-21-14 CAM D B-18-14 CAM DK B-18-14 CAM 9-22-14 CAM DK 9-22-14 CAM	HUD Dyno Cals. OK. 7-7-14 Chad OK OK 9-18-14 Chad OK OK 9-18-14 Chad OK
Lane: # <u>Z</u>	•
OBDIL Only	lane
Lane: #3 C1/5 Ca/g, BARAD Ca/s, 7-24-14 CAM OK B-18-14 CAM & 9-72-14 CAM OK B-12-14 CAM 9-72-14 CAM 9-72-14 CAM	2ND DYNDCALS, 2K 7-1D-14 Chad DK OK 9-6-14 Chad CK OK 9-4-14 Chad OK
Lane: #	

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Calibration Records Audit ((Quarter, 20))	·
Vehicle Emission Test Site: Hobart, Station	n#3 M
Constant Volume Sampling System (equipment checks and ten point calibrations)	Dynamometer Calibration
Date calibration performed – result Lane: # 1	Date calibration performed – result
OLS Dals BAR 90 Cals	4WD Dyno Cals,
10-23-14 CAM OK 10-23-14 CAM	DK 10-14-14- Dyan OK
12-15-14 CAM OK 12-15-14 CAM	DK 12-4-14 Chad DK
Lane: # <u>2</u>	
OBDIT only lane	
	·
Lane: #3	
10-27-14 CAM OK 10-27-14 CAM DI	K 10-20-14 Chad OK
11-24-14 CAM PK. 11-12-14 CAM DI	11-3-14 Charle Od
12-15-14 CAM OK 12-15-14 CAM E)K 12-1-14 Dhad PK,
Lane: #	
# Annal GAD-CFV Cal. 10-23-14	CAM OK
#3 Annual SAD-CFY Cal 10-27-14	J DAM PK
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Calibration Records Audit (Quarter, 20)	Date: 3/28/14
Vehicle Emission Test Site: CMWN Thut - S	tation #4 (A)
Constant Volume Sampling System (equipment checks and ten point calibrations)	Dynamometer Calibration
Date calibration performed – result	Date calibration performed – result
Lane: #1 CVS CAB 1-15-14 JKC PK 2-24-14 JKC X 3-14-4 JC	1/2 1-34-14 Chaol OK OK 2-10-14 Chaol OK OK 3-17-14 Chaol OK
Lane: #2 CNS Cals 1-15-14 JKC OK 2-24-14 JKC OK 3-27-14 JC OK 3-27-14 JC OK 3-27-14 JC	2-WD DING Colls, K 1-29-14 Charl OK OK 2-14-14 Charl OK OK 3-20-14 Charl OK
Lane: #3	
OBDIL tandom	hue
Lane: #	
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Calibration Records Audit (21/Q)	uarter, 20 🖺		Date: 7-25-/4
Vehicle Emission Test Site: OrbW	"Point, St	ation #4	VAL
Constant Volume Sampling System (equipment checks and ten point ca		Dynamome	ter Calibration
Date calibration performed – resul	lt. D	Date calibration	performed – result
Lane: #\ ONG ONG. RANGE	290 Cale	LAID)	D Dung Calo,
4-28-14 JO DK 4-28-	IN TO OK	. 421-14	Chad OK
5-33-14 IV OK 5-23 6-223-14 JKC OK 4-23		5-12-16	H Chad OK
Lane: # 2 CVS Cals BAR	290 Cals.	· STW	D Dyn Calo.
4-20-14 TO OK 4-20-	HI TO OK	17-11-15-14 15-23-14	Chaol DR
0-23-14 JKO DK 6-23	M JKC OK	6-20-14	Chad OK
Lane: # <u>3</u>			
OBDII	Only - TAUR	lem lavie	
	·		
·			
Lane: #			
		<u> </u>	
9			

Calibration Records Audit (31) Quarter, 20 4	Date: 1-23-15
Vehicle Emission Test Site: Crown Point, Sta	tion#4 OAL
Constant Volume Sampling System (equipment checks and ten point calibrations)	Dynamometer Calibration
Date calibration performed – result Date	e calibration performed – result
Lane: # CVG Cals BAR 90 Cals 7-28-14 JKC OK 7-28-14 JKC OK 8-25-14 JKC OK 8-27-14 JKC OK 9-29-14 JKC OK 9-29-14 JKC OK	4WD Dyno Cals 7-14-14 Chad OK 9-11-14 Chad OK 9-15-14 Chad OK
Lane: #2. CV5 Cals 7-2B-14 JKC PK 7-2B-14 JKC PK B-25-14 JKC PK B-25-14 JKC PK	2WD Dynb Cals 7-17-14 Chad OK 8-13-14 Chad OK
9-29-14 JKC PR 9-29-14 JKC OK	9-18-14 Chad OK
Lane: #	
DBDII only tandem	Taue,
•	
Lane: #	•
hane #1 Annual SAD-CFY Cal 8-20	5-14 JKC OK
LAME #2 Annual SAD-CFY Cal B-25	-14 JKC OK

Calibration Records Audit (4th Quarter, 20 4)	Date: /-23-15
Vehicle Emission Test Site: Crown Point, 5t.	ation#4 PM
Constant Volume Sampling System (equipment checks and ten point calibrations)	Dynamometer Calibration
Date calibration performed – result	Date calibration performed - result
Lane: # CVS Cals BAR AD CALS 10-20-14 JC OK 10-20-14 JC O 11-10-14 JKC OK 11-10-14 JKC O 12-15-14 JC OK 12-15-14 JC O	NWD Dyne Cale, OK 10-20-14 Charl OK OK 11-10-14 Charl OK
Lane: #2 05 Cals BAR 90 Cals 10-20-14 JC OK 10-20-14 JC O 11-10-14 JKC OK 11-10-14 JC OK 12-15-14 JC OK 12-15-14 JC OK	2 WP Dyno Cals K 10-23-14 Chad PK 11-19-14 Chad PK 12-18-14 Chad PK
Lane: #3	
PBDIL only trudem	lane
Lane: #	

Calibration Records Audit (Quarter, 20 4)	Date: 3-27-14
Vehicle Emission Test Site: Valpo - Station #5	PAR
Constant Volume Sampling System (equipment checks and ten point calibrations)	Dynamometer Calibration
Date calibration performed – result Date	calibration performed – result
Lane: # 1 (M3 Cale, BOR-90 Cale 1-13-14 CAM OK 1-13-14 CAM OK 2-10-14 CAM OK 2-10-14 CAM OK 3-10-14 CAM OK 3-10-14 CAM OK	4 WD Dynp Cals 1-13-14 Chad OK 3-10-14 Chad OK
Lane: #2 (VS Cals 1-13-14 CAM OR 1-13-14 CAM OK 2-10-14 CAM OK 3-10-14 CAM OK 3-10-14 CAM OK	文章WD Dynp Cale, 1-9-14 Chad OB 2-16-14 Chad OB 3-15-14 Chad OR
Lane: # <u>3</u>	•
DBJTI Dnly " lave	
Lane: #	

Calibration Records Audit (ेेे।	hd Quarter, 20 14)	Date:	7/24/14
Vehicle Emission Test Site: //	alyamiso, Station	H. F	PAL
Constant Volume Sampling Sy (equipment checks and ten poi		Dynamometer Ca	libration
Date calibration performed -	result _. Date	calibration perfor	med – result
Lane: # 1 OKS CALG. 11-7-14 DAM DE 5-6-14 CAM DE 6-9-14 CAM DE	BAR GOCALS. 4-7-14 CAM OK 5-6-9-14 CAM OK	4 WD DVN b 4 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	Dale had De had OK had OK
Lane: # 2 CVB CRB. 4-7-14 CAM DK 5-6-14 CAM OK. 6-9-14 DAM OK.	BARADCAIS, 4-7-14 DAM OK 5-6-14 CAM OK 6-9-14 CAM OK	2 WD D *4-2-14 C *** 5-8-14 C *** 6-1(-1)	yno Dals, had Ok Lhapl PK Chadlok
Lane: #3			
· PBI	II ONLY lane		
	• • • • • • • • • • • • • • • • • • • •		
Lane: #			
** Repaired motor bru *** Repaired restraint *** Typhoned all res	ighes, vegulation + denter	· plate,	
*** Trybaned all red	straint anide botta	·	·

Calibration Records Audit (3W) Quarter, 20 W) Date: 4-25-/	d
Vehicle Emission Test Site: Valpanaiso, Station #5 940	
Constant Volume Sampling System Dynamometer Calibration (equipment checks and ten point calibrations)	
Date calibration performed – result Date calibration performed – res	ult
Lane: # 1 BAR-90 Cala, 400 Dung Oals,	
7-14-14 OK CAM 7-14-14 OK CAM 7-7-14 Shoot OK B-11-14 OK CAM B-11-14 OK CAM B-4-14 Charl OK 9-15-14 OK CAM 9-15-14 OK CAM 9-18-14 Charl OK	
Lane: #2 DVS Paly BAR-90 Cala, 2WD. Dyno Cala 7-14-14 DAM DK 7-14-14 CAM DK 7-3-14 Chad DK 9-11-14 DAM DK, 9-11-14 DAM DK 3-1-14 Chad DK 9-11-14 CAM DK 9-11-14 CAM DK 9-3-14 Chad DK	
Lane: #3	
OBD II only lane	
Lane: #	· · · · · · · · · · · · · · · · · · ·

Calibration Records Audit (4 Quarter, 20 14)	Date: 1/23/15	
Vehicle Emission Test Site: Mparaiso, 5tation #5				
Constant Volume Sampling System (equipment checks and ten point calibrations) Dynamometer Calibration				
Date calibration performed	-result	Date calib	cation performed – result	
Lane: # 1	BARAD Cal 10-27-14 CAM 11-10-14 CAM 12-8-14 CA	3 1 OK 1 OK M OK	4WD Dyno Cals 10-20-14 Chad OK 11-3-14 Chad OK 12-1-14 Chad OK	
Lane: #7 01/5 Cals 10-16-14 CAM OK 11-10-14 CAM OK 12-8-14 CAM OK	BAR-90 Cal- 10-16-14 CAN 11-10-14 CAN 12-8-14 CAN	3 NOK NOK NOK	2 WD Dono Cals 10-14-14 Chad OK 11-7-14 Chad OK 12-3-14 Chad OX	
Lane: #3				
	OBD II only	lane		
Lane: #		·		
#1 Annual SAD-CF #2. Annual SAD-CI	V Cal 10- V Cal 10-	27:14 Co	AM OK	

Calibration Records Audit (14)	Quarter, 20 /4/		Date: (/~	6-14
Vehicle Emission Test Site: 0	lry, Sitet	+8	PAI	0
Constant Volume Sampling Syst (equipment checks and ten point		Dynam	10meter Calibrat	ion
Date calibration performed - res	sult.	Date calibra	tion performed -	- result
Lane: #1	BAR-90 Cal		WDPHARL	ale,
1-13-14 JC CK	1-13-14 JK) P/5; 14 2 10 K 2	27-14 Chack	. OK Ok
3-31-14 JC OK	3-31-14 10	PK 3	-24-14 Ohad	PK
Lane: #2 CVS Pale	BAR ADLA		2WD Dynor	Doly,
1-13-14 JKC DK 2	-13-14 JKC	1016 2:	24-14 Show	DK DK
3-31-14 VC OK 3	1-31-14 JL	05 3	-12-14 Charal	OK
Lane: #3	BAR-90 Cale	2	WDDuna Co	rls,
1-13-14 JKC OK 1	-13-14 JKC	OK 1-	29-14 Chark	OK
	1-31-14 JM	pk 3	-12-14 Charl	Ex.
Lane: #				· ·
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Calibration Records Audit (2nd Quarter, 29 14)	Date: 7/25/14
Vehicle Emission Test Site: Cary, Station 中日	TABLE
Constant Volume Sampling System (equipment checks and ten point calibrations)	Dynamometer Calibration
Date calibration performed – result Date	calibration performed – result
Lane: # 1 DVG Cals. 1-28-14 JC, OK, 11-28-14 JC, OK, 5-19-14 JC, OK, 5-19-14 JC, OK, 6-16-14 JKC OK, 6-16-14 JKC, OK,	4-28-14 Dhad OK 5-19-14 Chad OK 6-23-14 Chad OK
Lane: #2 <u>CV5 Cals.</u> <u>4-24-14 JC OK 4-24-14 JC OK</u> <u>5-19-14 JC OK</u> <u>5-19-14 JC OK</u> <u>6-16-14 JKC OK</u>	2 WJD JD UND DOLG, 4-16-14 Chad PK 5-216-14 Chad PK 6-26-14 Chad PK
Lane: #3 OVS Dals. 4-24-14 JC OK 4-24-14 JC OK 5-19-14 JC OK 5-19-14 JC OK 6-16-14 JKC OK C-16-14 JKC O	240 DUND OALS, 4-16-14 CKAD OK, 5-28-14 Chad OK 6-27-14 Chad OK
Lane: #	

	Calibration Records Audit (312) Quarter, 29 11	Date: 4/24/14
	Vehicle Emission Test Site: Cary, Station.	#8 AD
	Constant Volume Sampling System (equipment checks and ten point calibrations)	Dynamometer Calibration
	Date calibration performed – result Date	calibration performed – result
	Lane: # BAR-90 Cals. - CVS Cals: BAR-90 Cals. - 18-14 JKC OK 7-7-14 JKC OK - 18-14 JKC OK 9-21-14 JKC OK - 9-8-14 JKC OK 9-8-14 JKC OK	4WD Dyno Cals, 7-28-14 Chad OK B-11-14 Chad OK 9-22-14 Chad OK
	Lane: #2 CVB Cals. BAK-90 Cals. 7-7-14 JKC PK 7-7-14 JKC OK 8-20-14 JKC OK 8-20-14 JKC OK 9-8-14 JKC OK 9-8-14 JKC OK	2WD Dyno Cals 7-16-14 Chad OK B-27-14 Chad OK 9-18-19 Chad OK
	Lane: #3 CV19 Dalg T-7-14 JKC OK B-20-14 JKC OK B-20-14 JKC OK A-8-14 JKC OK A-8-14 JKC OK	2 WD Jynd Cal 7-16-14 Chad Ok 8-27-16 Chad Ok 9-19-14 Chad Ok
***	Lane: #_ Fl Annual GAD-CFV Cals 9-8-14 JK #7 Annual SAD-CFV Cals 9-3-14 JK #3 Annual SAD-CFW Cals 9-3-14 JK	LOK COK

Calibration Records Audit (4th Quarter, 20/4)	Date: 1-22-15
Vehicle Emission Test Site: Cary, Station #8	PAL
Constant Volume Sampling System (equipment checks and ten point calibrations)	Dynamometer Calibration
Date calibration performed – result Da	te calibration performed – result
Lane: #1 OVS Cals BAR 90 Cals	4WD Dynp Cals
11-3-14 JKD OK 10-27-14 JKDOK	11-17-14 Chard OK
12-22-14 JC OK 12-22-14 JC OK	12-15-14 LNord OK
Lane: #2 CV5 Cals BAR 90 CALS. 10-27-14 JKC OK 10-27-14 JKC OK 11-3-14 JC OK 12-22-14 JC OK 12-22-14 JC OK	2.WD DVNB Cals 10-15-14 Charl OK 11-21-14 Charl OK 12-5-14 Charl OK
Lane: #3 CVS CUIS, 10-27-14 JKC OK 11-3-14 JC OK 12-22-14 JC OK 12-22-14 JC OK 12-22-14 JC OK	2 UD Dyng LAIS 10-15-14 Charl OK 11-20-14 Charl OK 12-5-14 Charl OK
Lane: #	
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Calibration Records Audit	(1) Quarter, 20 1		Date: 3-28-14	
Vehicle Emission Test Site:	Partage-stati	on #4	BAL	
Constant Volume Sampling (equipment checks and ten		Dynamomet	er Calibration	
Date calibration performed	l – result .	Date calibration p	erformed – resul	t
Lane: #1	BAR AD Calo.	4WD	Dyno Cals.	
1-27-14 (AM OK	1-27-14 JAM OK	- 1-24-44	Charle DK	
3-24-14 CAM DK	3-24-14 CAM DK	3-17-14	Charles DK	,
Lane: #2 CV9 Chls 1-27-14 CAM OK 2-17-14 CAM OK 3-24-14 CAM OK	JAR-90 Calls 1-27-14 CAM OK 2-17-14 CAM CA 3-2444 CAM O	2/12 1-22/14 6 2-13-14 6 3-6-11	Dyno Calo. Onad Ok Onad Ok I Chad Ob	· · · · · · · · · · · · · · · · · · ·
Lane: #3				•
	PBD IL Only			
Lane: #	,			,
7				
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Calibration Records Audit (Date:	7/24,	// /
Vehicle Emission Test Site:	Portage,	Statio	n #9		OF	
Constant Volume Sampling (equipment checks and ten)	Dynamon	neter Cal	ibratio	1
Date calibration performed	– result	Date	calibratio	n perfori	ned – r	esult
Lane: # <u>AVS Cals</u> , <u>4-21-14 CAM OK</u> <u>5-5-14 OM OM</u> <u>6-23-14 CAM OK</u>	BARAD CALL 4-21-4 CAR 5-5-14 DAR 6-23-14 DAR	s, 1 P.C. 1 P.K. 1 P.K.	- ************************************		had had had	le, Ok OK
Lane: #2 OVS Cals. 4-24-14 CAM OK 5-5-14 CAM OK	BAR 90 CO 4-24-14 5-5-14 6-23-14	CAM O		1) Dun -3-14 -21-14 -14-14	o Ca Chad Chad Chad	la jok
Lane: #3						
	OBD II	Oh ly				
		· · ·		· · · · · · · · · · · · · · · · · · ·		
Lane: #		,				·
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* Peplaced year moto ** Installed your log ** Repaired unstand	or bolt and is oft in motion p	dier pull Nate,	ley that	YAS DA	d,	

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Calibration Records Audit (3) Quarter, 20 1	Date: 9-25-14
Vehicle Emission Test Site: Portage, I	tation #01
Constant Volume Sampling System (equipment checks and ten point calibrations)	Dynamometer Calibration
Date calibration performed – result	Date calibration performed – result
Lane: # /	Savo danna avada poa zorimota - a count
CVO Calo BAK-90 Calo	1. HUED Trum Cale
7-21-14 CAM OK 7-21-14 CAM C	OK . 7-14-14 March DK
B-4-14 PAM OK B-4-14 CAM (OK BUILTY Allas OK
a-15-IN CAM DK Q-15-14 CAM	OK A-15-14 Charl OK
· · · · · · · · · · · · · · · · · · ·	The the contract of the contra
Lane: #2	
125 Dals PAR-AD CALE	2WD Dyng Calc
7-21-14 CAM OK 7-21-14 CAM	DK 7-9-14 Chad DK
BUN-14 CAM OR B-4-14 CAM	DK B-7-14 Chad DK
9-18-14 CAM DK 9-15-14 CAM	OK 9-11-14 Chad OR
Lane: # <u>3</u>	
	·
DBDJL ONLY	lane
	•
T #	
Lane: #	

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Calibration Records Audit			Date:	1-23-15
Vehicle Emission Test Site: 4	rtage, Statio	on#9		AL
Constant Volume Sampling Sy (equipment checks and ten poi		Dynan	aometer Ca	dibration
Date calibration performed – r	esult _.	Date calibra	ition perfo	med – result
Lane: # 1 CV5 Ca 10-6-14 CAM PK 11-3-14 CAM PK 12-1-14 CAM PK	BARAD Cal D-6-14 CAM 11-3-14 CAM 12-1-14 CAM	OK 11 OK 11 OK 12	4WD.T -20-14 C -10-14 (2-8-14 (Drigo Cal, Wad Ok Wad Ok Wad OK
Lane: #2 OVG ON 10-6-14 CAM DK 11-3-14 CAM DK 12-1-14 CAM DK	BAR 90Cal 10-6-14 CAM 11-3-14 CAM 12-1-14 CAM	OK I DK I	2WDD 015-14 1-13-14 125-14	ino ar Chad Ok Chad Ok Chad Ok Chad OK
Lane: #3				
PSDI	Duly lane			
		,		
Lane: #				
#1 Annual SAD-CI #2 Annual SAO-C	Y Cal. 10-6-1	H. CAM H. CAM	DK PK	

Calibration Records Audit (Quarter, 20 5	Date:	4/9/15
Vehicle Emission Test Site:	immprol, Station*	*	PA
Constant Volume Sampling Sy (equipment checks and ten po		Dynamometer Cal	ibration
Date calibration performed -:	result Dat	e calibration perform	aed — result
Lane: #1 DVS (AIS, 1-26-15 JD OK 2-18/16-15 JD OK 3-2-15 JD OK	BAR-90 CAG, 1-26-15 JC DK 2-16-15 JC DK 3-2-15 JC DK	HWDDYN 1-20-15 1 2-23-15 (3-16-15	r CALS, had OK Shad OK Shad OK
Lane: #2 DVS Cals 1-20-15 TO PK 3-23-15 JC PK	BAR-ADCals. 1-26-15 JC OK 2-27-15 JC OK	2WDD 1-28-15 2-25-15 3-18-15	Inp Cals, Ind OK Chad OK Chad OK
Lane: #3	BARAD Dals, 1-2675 JC O	2 W.D. L-28-15 2-25-15 3-18-15	DinoCalo, Dinad DA Chad OK Chad OK
Lane: #			

Calibration Records Audi	t (<u>let</u> Quarter, 20 <u>l5</u>)	Date: 4-10-15	
Vehicle Emission Test Site: Origith, Station #2		PAL	
Constant Volume Samplin (equipment checks and te		ynamometer Calibration	
Date calibration performe	ed – result Date c	alibration performed – result	
Lane: # 1 016 Cals 1-12 15 IC OK 2-9-15 IC OK 3-9-15 IC OK	BAR-90 Cals, 1-1215 ID OK 2-27-15 JC OK 3-9-15 JC OK	4WDDynoCals, 1-36-15 Chad OK 2-16-15 Chad OK 3-16-15 Chad OK	
Lane: #2 CV5 Cals. In 12-15 SC OK 2-9-15 JC OK: 3-9-15 JC OK:	3-9-15 JC OK 2-27-15 JC OK 3-9-15 JC OK	2 WD Dynp Cals. 1-15-15 Cheed OK 2-4-15 Chad OK 3-26-15 Chad OK	
Lane: # <u>3</u>		,	
n OBI	II only "lane		
Lane: #4 CV5 Cals, 1-12-15 IC OK, 2-1-15 IC OK 3-18-15 IC OK	BAR-90 Cals. 1-18-15 IC OK. 2-27-15 IC OK. 3-9-15 IC OK.	2WD Dyno Cals. 1-15-15 Chad OK. 2-11-15 Chad OK. 3-26-15 Chad OK	
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2014 Indiana response to:

40 CFR Part 51-Subpart S Inspection/Maintenance Program Requirements 51.366 – Data Analysis and Reporting Requirements

(c) Quality Control Report

(3) The number and percentage of stations that have failed equipment audits:

None

(4) Number and percentage of stations and lanes shut down as a result of equipment audits:

None

During the course of our calibration paperwork audits at the test sites we have found that if an analyzer or dynamometer has experienced some difficulty holding a calibration it is repaired or replaced.

On a daily basis, as soon as a problem manifests itself with a failed daily calibration or failed zero/span check the test equipment is locked out and the lane is automatically shut down. Inoperable equipment is repaired or replaced timely manner.